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CARBON CHARACTERIZATION

PROJECT OBJECTIVE:

DEVELOP EQUIPMENT AND TECHNIQUES TO GENERATE COMPARABLE DATA FOR ANODE CONSUMPTION, CO_2 OXIDATION, AND SODERBERG PASTE ELONGATION.

KEY ISSUES:

- o WHAT EQUIPMENT AND PROCEDURES CAN BE DEVELOPED TO ACCURATELY MEASURE EXCESS ANODE CONSUMPTION ON A LABORATORY SCALE?
- o WHAT EQUIPMENT AND PROCEDURES CAN BE DEVELOPED TO ACCURATELY MEASURE CO_2 OXIDATION RATES?
- o WHAT EQUIPMENT AND PROCEDURES CAN BE DEVELOPED TO ACCURATELY MEASURE THE SODERBERG PASTE RHEOLOGY?